

ABSTRACT OF THE DISCLOSURE

Pressurized screen for screening a fibrous suspension that includes intake chamber having an intake to guide the fibrous suspension into the intake chamber, and at least one wire element with a plurality of wire openings. The at least one wire element passes at least a portion of the fibrous suspension in the intake chamber and rejects at least a portion of the fibrous suspension in the intake chamber. A centrifuge rotor with apertures is positioned in the intake chamber so that at least a part the fibrous suspension in the intake chamber travels radially inwardly through the apertures and into the at least one wire element. A heavy material outlet removes at least a part of the fibrous suspension not traveling through the apertures. The instant abstract is neither intended to define the invention disclosed in this specification nor intended to limit the scope of the invention in any way.